Certificate Of Analysis

Analysis Date: 08-03-2025 **Re-test Date:** 08-03-2028

CARICAXANTHIN

Identification

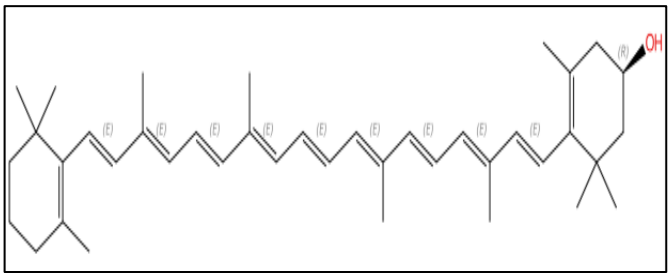
Chemical Name : (R)-3,5,5-trimethyl-4-((1E,3E,5E,7E,9E,11E,13E,15E,17E)-3,7,12,16-tetramethyl-18-(2,6,6-trimethylcyclohex-1-en-1-yl)octadeca-1,3,5,7,9,11,13,15,17-nonaen-1-yl)cyclohex-3-en-1-ol

CAT No : ALL-CAR-2708

CAS No : 472-70-8

Molecular Formula : C40H56O

Molecular Weight : 552.9



Analytical Information

Batch Code	: ALL-CAR-2708	**HPLC Purity**	: 98.01%
Solubility	: METHANOL	**Potency**	: 95.40%
Appearance of Product	: Off White Solid	**Mass**	: Confirm
Long Term Storage	: 2-8^{0}C	**IR Analysis**	: Confirm
Weight Loss By TGA	: 1.688%	**1HNMR**	: Confirm
Residue Of Ignition	: 0.974%		

Additional Information

%Potency = [100 -(Inorganic Impurities % + Water %) × Chromatographic Purity%]/100 =

[100 – (1.688+ 0.974× 98.01]/100= 95.40%

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Swapnil Kausatkar Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, 1H NMR, IR, TGA

Shipping Condition : All Product are stable to be shipped at room temperature, unless

Corporate Office

Allmpus Laboratories Pvt Ltd 38, Solitaire Industrial Estate, Plot No.TS-1, Near Nandi Palace Hotel, MIDC-Phase 1, Dombivli (E),Mumbai, Maharashtra 421203

otherwise specified

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